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TCS 6962/60
MSD/PIC 22/60
29 February 1960

MEMORANDUM FOR: Talent Control Officer
Office of Scientific Intelligence

25X1A ATTENTION : [REDACTED] OSI/AD
SUBJECT : Radar Sites on a 200 nm Radius from Moscow
REFERENCE : Requirement Numbers SI/R-17/60 and SI/R-18/60
PIC Project Number P 93-60

1. This informal report is in answer to requirement number SI/R-17/60 dated 18 February 1960 and SI/R-18/60 dated 18 February 1960 concerning radar sites on a 200 nm radius from Moscow.

2. General site information, including radar types, of the Michurinsk site and the Temnikov site was reported in PIC/B-1/60 dated 25 February 1960. A subsequent search of available aerial photography revealed the presence of a similar site near Smolensk, which was reported in PIC/B-2/60 dated 26 February 1960. A search is being maintained for similar sites on ground photography, and collateral reports.

The following information is in addition to previously reported information concerning the Michurinsk and Temnikov sites.

MICHURINSK SITE

Operational Area (Figure 1)

- X1 1. Security consists of a double fence in a trapezoid shape. The [REDACTED] The inner gatehouse is located at the only entrance.
- X1 2. The area is served by an improved road approximately [REDACTED] A wire line leads to a point near the gatehouse from a point near the support area.

3. [REDACTED]

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TOP SECRET

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4. The GAGE and PATTY CAKE radars are located on earthen mounds similar in design to the mounds at the Odintsovo site. The mound consists of earth piled over a structure with an entrance approximately []

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5. The probable CROSS OUT type radar is located on a flat-topped mound approximately []. This mound is lower in height than the GAGE or PATTY CAKE mounds.

6. The two possible radars cannot be identified from available photography. They are located on very low square flat-topped mounds.

7. Two vehicle revetments are positioned northeast of the operations bunker.

8. Two single-story, gable-roofed support buildings, [] are located near the site entrance.

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Support Area

Since the support area for the Michurinsk site is roughly similar to the Ternikov site support area, no description of facilities is described. See the support area for the Ternikov site.

TERNIKOV SITE

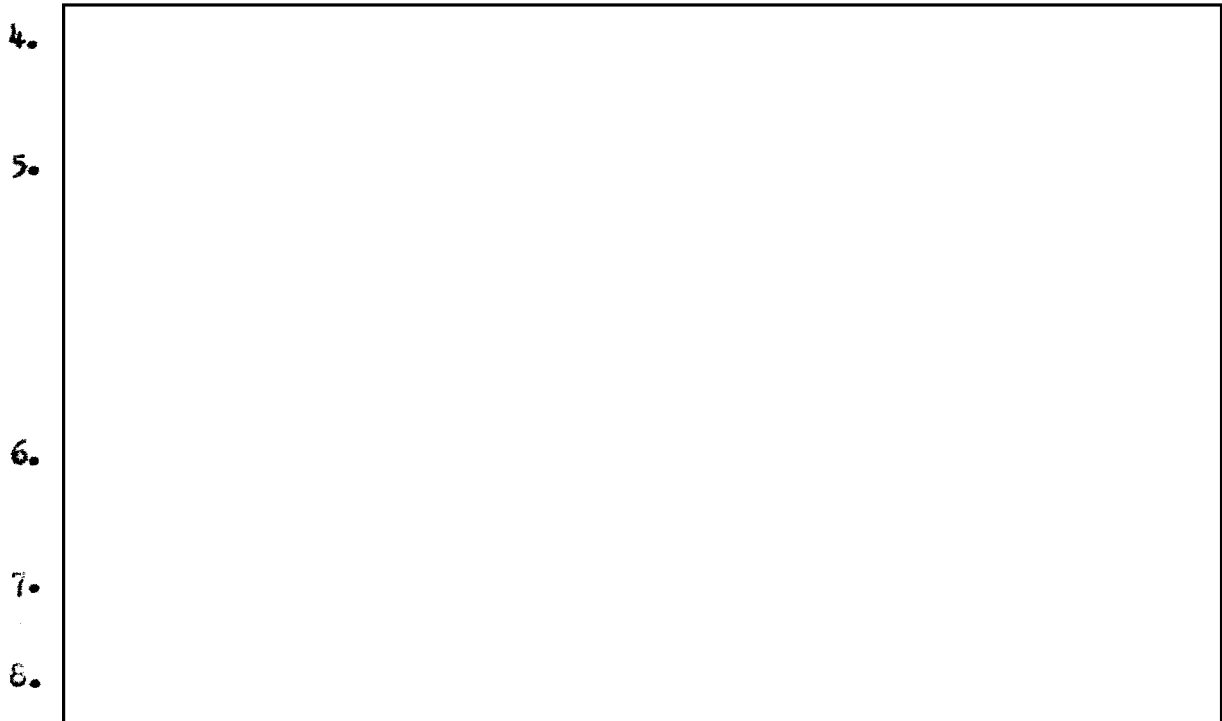
Operational Area (Figure 2)

1. Since the operational areas of both sites are basically similar, only the differences will be noted here.
2. The fences originally formed a trapezoid, but have been subsequently enlarged at the southern corner to accommodate a radar.
3. The operations bunker has one additional object on the roof.

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Support Area

The support areas for the Michurinsk and Temnikov radar sites are located approximately one half mile from the sites. The areas appear almost identical except for a slight difference in the number of smaller buildings and some variations with regard to location of buildings within the area. Each area is enclosed by a fence with a housing section adjacent to an operational support section.



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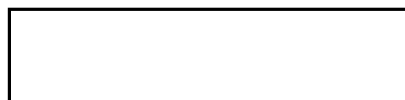
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Chief, Military Scientific Division

Enclosures:

1. Line drawing of radar site near Michurinsk,
USSR
2. Line drawing of radar site near
Ternikov, USSR
3. Azimuths and Distances

Distribution:

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